



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: David L. Carnahan  
Serial No.: 10/057,262  
Filing Date: 01/25/2002  
For: Nanoscale Grasping Device, Method For Fabricating  
The Same, And Method For Operating The Same  
Group: 2831  
Examiner: Anton B. Harris  
Attorney's Docket No.: NANO-1

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**

**FEB 20 2004**

Sir:

AMENDMENT "B"

Responsive to the Official Action mailed September 12, 2003, please amend the claims in the above-identified application as follows:

IN THE CLAIMS:

1. (currently amended) A nanoscale grasping device for the manipulation of microscopic objects, comprising a substrate, at least three electrodes on said substrate, and at least three electrostatically-actuated elongate electrically conductive grasping elements each having first and second opposite ends, with said first ends attached to and making electrical connections with said electrodes and said second ends projecting outwardly away from said substrate, whereby said second ends are free to be attracted or repelled electrostatically in response to application of voltages to said electrodes.

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2. (currently amended) The nanoscale grasping device of claim 1 wherein said at least three grasping elements comprise ~~a fibrous material~~ are nanofibers.

NANO-1

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 Art Unit: 2831  
 Examiner: Anton B. Harris

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Transmitted herewith is an amendment in the above-identified application.

- ☒ Small entity status of this application has been previously established.  
☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.  
☐ No additional fee is required.

The fee has been calculated as shown below:

					Small Entity		Large Entity	
	Claims After Amend.		Most Claims Previously Paid For	Present Extra Claims	Rate	Additional Fee	Rate	Additional Fee
Total	29	Minus	29	0	x 9	0	x18	
Indepen.	4	Minus	3	1	x 43	43.00	x86	
Mult. Claims					+145	0	+290	

Total  
 Additional  
 Fee

\$43.00

Total  
 Additional  
 Fee

☐ Please charge my Deposit Account No. 16-0221 the amount of \$\_\_\_\_\_. A duplicate copy of this sheet is attached.

☒ A check in the amount of \$43.00 is attached.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 16-0221. A duplicate copy of this sheet is attached.

- ☒ Any filing fees required under 37 CFR 1.16 for the presentation of extra claims.  
☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

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